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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/806,779	09/20/2001	2841	700	10806-005	5	12	1

CONFIRMATION NO. 5941

FILING RECEIPT



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Pennie & Edmonds
1155 Avenue of the Americas
New York, NY 10036

Date Mailed: 10/02/2001

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Applicant(s)

Per Lindgren, Stockholm, SWEDEN;
Christer Bohm, Nacka, SWEDEN;
Bengt J. Olsson, Tumba, SWEDEN;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/SE99/01800 10/07/1999

Foreign Applications

SWEDEN 9803419-2 10/7/1998

Projected Publication Date: Not Applicable, filed prior to November 29,2000

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

Apparatus for routing data packets in a dtm network

REFERRED TO <u>J. HSU</u>
REC'D
OCT 08 2001
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2336

Preliminary Class

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FORM PTO-1390
(REV. 11-94)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTORNEY'S DOCKET NUMBER
10806-005**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)**

INTERNATIONAL APPLICATION NO. PCT/SE99/01800	INTERNATIONAL FILING DATE October 7, 1999	PRIORITY DATE CLAIMED October 7, 1998
TITLE OF INVENTION APPARATUS FOR ROUTING DATA PACKETS IN A DTM NETWORK		
APPLICANT(S) FOR DO/EO/US Per Lindgren, Christer Bohm, and Bengt Olsson		

Applicant herewith submits to the United States Designated/ Elected Office (DO/EO/US) the following items under 35 U.S.C. 371:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is transmitted herewith (required only if not transmitted by the international Bureau).
 - b. has been transmitted by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US)
6. A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. have been transmitted by the International Bureaus.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (unexecuted)
10. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A **FIRST** preliminary amendment.
 A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. A substitute specification.
15. A change of power of attorney and/or address letter.
16. Other items or information:

17. The U.S. National Fee (35 U.S.C. 371(c)(1)) and other fees as follows.

CLAIMS				
(1)FOR	(2)NUMBER FILED	(3)NUMBER EXTRA	(4)RATE	(5)CALCULATIONS
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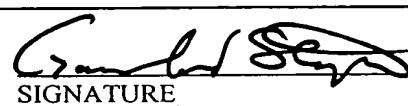
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18. Other instructions
n/a

19. All correspondence for this application should be mailed to
PENNIE & EDMONDS LLP
1155 AVENUE OF THE AMERICAS
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20. All telephone inquiries should be made to (212) 790-2803

Garland T. Stephens
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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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			(43) International Publication Date: 13 April 2000 (13.04.00)
(21) International Application Number: PCT/SE99/01800 (22) International Filing Date: 7 October 1999 (07.10.99)		(81) Designated States: CA, IL, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).	
(30) Priority Data: 9803419-2 7 October 1998 (07.10.98) SE		Published <i>Without international search report and to be republished upon receipt of that report.</i>	
(71) Applicant (for all designated States except US): NET INSIGHT AB [SE/SE]; P.O. Box 42093, S-126 14 Stockholm (SE).			
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(74) Agent: AWAPATENT AB; P.O. Box 45086, S-104 30 Stockholm (SE).			
(54) Title: APPARATUS FOR ROUTING DATA PACKETS IN A DTM NETWORK			
(57) Abstract			
<p>The present invention refers to a circuit board to be connected to a switch core. According to the invention, the circuit board comprises: an interface (111) for receiving one or more input DTM channels from said switch core and for transmitting one or more output DTM channels to said switch core; means (115) for deriving at least a portion of a data packet received, divided into DTM time slots, in one of said input DTM channels; routing means (117) for selecting, based upon information provided in said at least a portion of a data packet, if said data packet is to be transmitted in one or more of said output DTM channels and, if so, which one or more of said output DTM channels said data packet is to be transmitted in; and output means (116) for providing one or more output DTM channels with said data packet, divided into DTM time slots, in accordance with the selection of output DTM channels made by said routing means.</p>			
<pre> graph TD 111 --- 115 112 --- 115 113 --- 115 114 --- 115 115 --> 117 117 --> 116 117 --> 119 117 --> 120 116 --> 111 116 --> 112 116 --> 113 116 --> 114 119 --> 120 120 --> 116 119 --> 117 117 --> 119 118 --- 117 </pre>			

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